

LISTING OF CLAIMS

This listing of claims below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-44.(Canceled)

45.(Currently amended) A wound treatment apparatus comprising a negative pressure source, a fluid source, and

a bandage configured to cover a wound and adhere to healthy skin adjacent the wound, the bandage comprising a first sheet overlying the wound and located adjacent to it and a top sheet overlying the first sheet, the first sheet having a first plurality of discrete fluid drainage passageways overlying the wound and through which negative pressure established by the negative pressure source is communicated to the wound, the first sheet having a second plurality of discrete fluid delivery passageways overlying the wound and through which fluid from the fluid source is communicated to the wound, the fluid delivery passageways being isolated from the fluid drainage passageways.

46.(Currently amended) A wound treatment apparatus comprising a negative pressure source, a fluid source, and

a bandage configured to cover a wound and adhere to healthy skin adjacent the wound, the bandage comprising a first sheet and a second sheet, the first sheet overlying the wound and located adjacent to it, the first sheet having a top surface and a bottom surface, the first sheet having a plurality of discrete passageways which extend generally vertically between the top and bottom surfaces of the first sheet and through which negative pressure established by the negative pressure source is communicated to the wound and through which fluid from the fluid source is

communicated to the wound, the second sheet having at least one discrete passageway that communicates with at least one of the plurality of discrete passageways of passageway in the first sheet, the at least one discrete passageway in the first sheet that communicates with the at least one discrete passageway in the second sheet being isolated from the remaining discrete passageways in the first sheet.

47.(Previously presented) The wound treatment apparatus of claim 46, wherein the first sheet has a first outer perimeter, the second sheet has a second outer perimeter, and the first outer perimeter is aligned with the second outer perimeter.

48.(Previously presented) The wound treatment apparatus of claim 45, further comprising a multi-lumen tube coupled to the bandage.

49.(Previously presented) The wound treatment apparatus of claim 45, wherein the plurality of passageways comprises a plurality of apertures in the first sheet that are arranged to lie on a circle.

50.(Previously presented) The wound treatment apparatus of claim 45, wherein the first sheet is clear.

51.(Previously presented) The wound treatment apparatus of claim 45, wherein the first sheet is flexible.

52.(Previously presented) The wound treatment apparatus of claim 45, wherein first the sheet is impermeable.

53.(Previously presented) The wound treatment apparatus of claim 45, wherein the bandage comprises an element that adheres to healthy skin adjacent the wound and the first sheet is coupled to the element.

54.(Currently amended) A wound treatment apparatus comprising
a negative pressure source,
a fluid source, and
a first fluid delivery bandage configured to cover a wound and adhere to healthy skin adjacent the wound, the first fluid delivery bandage comprising a first sheet and a second sheet coupled to the first sheet, the first sheet overlying the wound and located adjacent to it, the first and second sheets defining a fluid delivery chamber in fluid communication with the fluid source, and

a second fluid drainage bandage overlying the first fluid delivery bandage, the fluid drainage bandage comprising a third sheet and a fourth sheet coupled to the third sheet, the third and fourth sheets defining a fluid drainage chamber in fluid communication the negative pressure source, the fluid drainage chamber being isolated from the fluid delivery chamber with a plurality of discrete passageways through which negative pressure established by the negative pressure source is communicated to the wound and through which fluid from the fluid source is communicated to the wound, a second sheet coupled to the first sheet, and an element coupled to the second sheet that adheres to healthy skin adjacent the wound.

55.(Currently amended) A wound treatment apparatus comprising
a fluid source,
a negative pressure source,
a bandage configured to cover a wound and adhere to healthy skin adjacent the wound, the bandage comprising a first sheet overlying the wound and located adjacent to it, a second sheet overlying the first sheet, and a top sheet overlying the first second sheet, the first and second sheets defining a fluid delivery chamber in fluid communication with the fluid source, the second and top sheets defining a fluid drainage chamber in fluid communication with the negative pressure source, the first sheet having at least one discrete fluid delivery aperture in fluid communication with the fluid delivery chamber defined by the first and second sheets, the first and second sheets each having at least one discrete fluid drainage aperture, the at least one discrete fluid drainage apertures in the first and second sheets being in fluid communication with each other and with the fluid drainage chamber defined by the second and top sheets, the at least one discrete fluid drainage apertures in the first and second sheets being isolated from the at least one discrete fluid delivery aperture in the first sheet the first sheet having a plurality of discrete apertures overlying the wound, fluid from the fluid source being communicated to the wound through at least a first aperture of the plurality of discrete apertures, and negative pressure being communicated to the wound through at least a second aperture of the plurality of discrete apertures.

56.(Currently amended) The wound treatment apparatus of claim 55, wherein at least some of the fluid communicated to the wound through the first at least

one discrete fluid delivery aperture in the first sheet is drawn away from the wound through the second aperture at least one discrete fluid drainage apertures in the first and second sheets.

57.(Currently amended) The wound treatment apparatus of claim 55, wherein ~~at least some of the plurality of discrete apertures in the first sheet are arranged to lie on a circle~~ the at least one discrete fluid drainage aperture in the first sheet comprises a central fluid drainage passageway and a plurality of outer fluid drainage passageways arranged in a concentric circular pattern radially outwardly of the central fluid drainage passageway, and the at least one discrete fluid delivery aperture in the first sheet comprises a plurality of fluid delivery passageways arranged in a circular pattern concentric with the central fluid drainage passageway and located between the central fluid drainage passageway and the outer fluid drainage passageways.

58.(Currently amended) The wound treatment apparatus of ~~claim 55~~ claim 57, wherein ~~the bandage comprises a second sheet coupled to the first sheet and located between the first sheet and the top sheet, and the second sheet has at least one discrete aperture, but has a lesser number of discrete apertures than the first sheet~~ the at least one discrete fluid drainage aperture in the second sheet comprises a central fluid drainage passageway aligned with the central fluid drainage passageway in the first sheet and a plurality of outer fluid drainage passageways arranged in a concentric circular pattern radially outwardly of the central fluid drainage passageway in the second sheet and aligned with the outer fluid drainage passageways in the first sheet.

59.(Currently amended) The wound treatment apparatus of ~~claim 55~~ claim 55, wherein the first sheet has a first outer perimeter, the second sheet has a second outer perimeter, the top sheet has a third outer perimeter, and the first outer perimeter is aligned with the second and third ~~outer perimeter perimeters~~.

60.(Previously presented) The wound treatment apparatus of claim 55, wherein the first sheet is clear.

61.(Previously presented) The wound treatment apparatus of claim 55, wherein the first sheet is flexible.

62.(Previously presented) The wound treatment apparatus of claim 55, wherein the first sheet is impermeable.

63.(Currently amended) The wound treatment apparatus of claim 55, further comprising a multi-lumen tube coupled to the ~~bandage~~ fluid delivery chamber.

64.(Previously presented) The wound treatment apparatus of claim 55, wherein the bandage comprises an element that adheres to healthy skin adjacent the wound and the first sheet is coupled to the element.

65.(Currently amended) A wound treatment apparatus comprising
a fluid source,
a negative pressure source, and
a bandage configured to cover a wound and adhere to healthy skin
adjacent the wound, the bandage comprising a first sheet with a first plurality of discrete fluid drainage apertures, a second sheet coupled to the first sheet and having a second plurality of discrete fluid drainage apertures, a third sheet coupled to the second sheet and having a third plurality of discrete fluid drainage apertures, and a fourth sheet coupled to the third sheet and having no apertures therethrough, the first, second, and third pluralities discrete fluid drainage apertures in the respective first, second, and third sheets being aligned ~~fluid from the fluid source being communicated to the wound through at least a first aperture of the plurality of discrete apertures, and negative pressure being communicated to the wound through at least a second aperture of the plurality of discrete apertures, and an element coupled to the second sheet that adheres to healthy skin adjacent the wound.~~

66-87.(Canceled)

88.(Previously presented) The wound treatment apparatus of claim 45, wherein the top sheet does not have any openings therethrough to provide a vacuum space above the wound.

89.(Previously presented) The wound treatment apparatus of claim 55, wherein the top sheet does not have any openings therethrough to provide a vacuum space above the wound.

90.(Canceled).

91.(New) The wound treatment apparatus of claim 54, wherein the first, second, and third sheets have first, second, and third pluralities of discrete fluid

drainage passageways, respectively, which are in fluid communication with the fluid drainage chamber defined by the third and fourth sheets.

92.(New) The wound treatment apparatus of claim 91, wherein the first, second, and third plurality of discrete fluid drainage passageways in the respective first, second, and third sheets each comprises a central fluid drainage passageway and a plurality of outer fluid drainage passageways arranged in a concentric circular pattern radially outwardly of the central fluid drainage passageway.

93.(New) The wound treatment apparatus of claim 92, wherein the first sheet has a fourth plurality of discrete fluid delivery passageways which are in fluid communication with the fluid delivery chamber defined by the first and second sheets.

94.(New) The wound treatment apparatus of claim 93, wherein the fourth plurality of discrete fluid delivery passageways in the first sheet comprises a plurality of fluid delivery passageways arranged in a circular pattern concentric with the central fluid drainage passageway and located between the central fluid drainage passageway and the outer fluid drainage passageways.

95.(New) The wound treatment apparatus of claim 54, further comprising a fluid delivery tube in communication with the fluid delivery chamber and a fluid drainage tube in communication with the fluid drainage chamber.

96.(New) The wound treatment apparatus of claim 95, wherein the fluid delivery tube comprises a multi-lumen tube.

97.(New) The wound treatment apparatus of claim 54, wherein the first sheet has a first outer perimeter, the second sheet has a second outer perimeter, the third sheet has a third outer perimeter, the fourth sheet has a fourth outer perimeter, and the first, second, third, and fourth outer perimeters are aligned with each other.

98.(New) The wound treatment apparatus of claim 54, wherein the perimeters of the first, second, third, and fourth sheets are generally square perimeters.

99.(New) The wound treatment apparatus of claim 54, wherein the fourth sheet does not have any passageways therethrough.